

NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 5-2-01 are:A. ☒ approved by the Draftsperson under 37 CFR 1.81(e) or 1.82(a)B. ☒ objected to by the Draftsperson under 37 CFR 1.81(c) or 1.82(b) for the reasons indicated below. The Examiner will require submission of new corrected drawings, if necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS, 37 CFR 1.84(a): Acceptable categories of drawings</p> <p><b>Black ink, Color</b></p> <p>Color drawings are not acceptable, except for photographs (Figs.)</p> <p>Pencil and non black ink not permitted (Figs.)</p> <p>2. PHOTOGRAPHS, 37 CFR 1.84(b)</p> <p><input checked="" type="checkbox"/> 1 full-size set is required (Figs.)</p> <p>Photographs may not be mounted 37 CFR 1.84(c)</p> <p>Poor quality (faded, torn) (Figs.)</p> <p>3. TYPE OF PAPER, 37 CFR 1.84(d)</p> <p>Paper not flexible, strong, heavy, and durable (Figs.)</p> <p>Erasures, alterations, overlays, interferences, folds, copy machine marks not accepted (Figs.)</p> <p>Mylar, vellum paper is not acceptable (transluc.) (Figs.)</p> <p>4. SIZE OF PAPER, 37 CFR 1.84(e): Acceptable sizes</p> <p>216 mm x 279 mm (8 1/2" x 11") (Figs.)</p> <p>216 mm x 279 mm (8 1/2" x 11") (Figs.)</p> <p>All drawing sheets not the same size (Figs.)</p> <p>5. MARGINS, 37 CFR 1.84(f): Acceptable margins</p> <p>Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.5 cm (Figs.)</p> <p>Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.5 cm (Figs.)</p> <p>Margins not acceptable (Figs.)</p> <p>Top (Figs.)</p> <p>Right (Figs.)</p> <p>6. VIEWS, 37 CFR 1.84(g)</p> <p>REMINDER: Specification may require views to correspond to drawing changes.</p> <p>Partial views, 37 CFR 1.84(h)(1)</p> <p>Brackets needed to show figure as one entity (Figs.)</p> <p>Views not labeled separately or properly (Figs.)</p> <p>Enlarged view not labeled separately or properly (Figs.)</p> <p>7. SECTIONAL VIEWS, 37 CFR 1.84(i)</p> <p>Hatching not to be used to distinguish part of part of an object (Figs.)</p> <p>Sectional description should be noted with Arabic or Roman numbers (Figs.)</p>	<p>8. ARRANGEMENT OF VIEWS, 37 CFR 1.84(j)</p> <p>Views not arranged in a logical order (Figs.)</p> <p>Views not arranged in a logical order (Figs.)</p> <p>9. SCALE, 37 CFR 1.84(k)</p> <p>Scale not large enough to show mechanism without crowding when drawing is reduced in size (Figs.)</p> <p>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS, 37 CFR 1.84(l)</p> <p>Lines, numbers, &amp; letters not uniformly thick and well defined, clear, durable, and black (Figs.)</p> <p>11. SHADING, 37 CFR 1.84(m)</p> <p>Solid black non-pat. (Figs.)</p> <p>Solid black shading not permitted (Figs.)</p> <p>Shading, pencil, rough and blurred (Figs.)</p> <p>12. SYMBOLS, LETTERS, &amp; REFERENCE CHARACTERS, 37 CFR 1.84(n)</p> <p>Numbers and reference characters not placed in the view (Figs.)</p> <p>Numbers and reference characters not placed in the view (Figs.)</p> <p>Numbers and reference characters not placed in the view (Figs.)</p> <p>Numbers and reference characters not placed in the view (Figs.)</p> <p>13. NUMBERING OF SHEETS OF DRAWINGS, 37 CFR 1.84(o)</p> <p>Sheets not numbered consecutively (Figs.)</p> <p>14. NUMBERING OF VIEWS, 37 CFR 1.84(p)</p> <p>Views not numbered consecutively (Figs.)</p> <p>15. CORRECTIONS, 37 CFR 1.84(q)</p> <p>Corrections not made (Figs.)</p> <p>16. DIMENSIONS, 37 CFR 1.84(r)</p> <p>Dimensions not placed in the view (Figs.)</p> <p>Dimensions not placed in the view (Figs.)</p>
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COMMENTS

REVIEWER

J. CHASE

DATE

3-4-02

TELEPHONE NO.

703 305 8540

ATTACHMENT TO PAPER NO.

6

## REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B, Fig. 1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

### INFORMATION ON HOW TO EFFECT DRAWING CHANGES

#### 1. Correction of Drawings - 37 CFR 1.85

File new drawings with the changes incorporated therein. Identifying therein, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

#### 2. Timing for Corrections

Applicant is required to submit acceptable drawings with a three-month shortened statutory period set in the Notice of Allowability (PTOL-A/).

Failure to take corrective action within set period will result in ABANDONMENT of the Application.

#### 3. Corrections other than Defects Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than defects noted by the Drawing Review Branch, MUST be approved by the examiner before the application will be allowed. No changes will be permitted other than correction of defects, unless the examiner has approved the proposed changes.

**Attachment for PTO-948 (Rev. 03/01, or earlier)**

6/18/01

**The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.**

**INFORMATION ON HOW TO EFFECT DRAWING CHANGES**

**1. Correction of Informalities -- 37 CFR 1.85**

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may **NOT** be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

**2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.**

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

**Timing of Corrections**

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.